

Title (en)

METHODS FOR TREATMENT AND PREVENTION OF OTITIS MEDIA USING NONIONIC SURFACTANTS TO FACILITATE TRANSMEMBRANE DRUG DELIVERY INTO THE MIDDLE EAR

Title (de)

VERFAHREN ZUR BEHANDLUNG UND PRÄVENTION VON OTITIS MEDIA MIT NICHTIONISCHEN TENSIDEN ZUR ERLEICHTERUNG DER TRANSMEMBRANÖSEN ARZNEIABGABE IN DAS MITTELOHR

Title (fr)

PROCEDES DE TRAITEMENT ET DE PREVENTION DE L'OTITE MOYENNE PAR LE BIAIS DE TENSIOACTIFS NON IONIQUES POUR FACILITER LA DELIVRANCE DE MEDICAMENT TRANSMEMBRANAIRE DANS L'OREILLE MOYENNE

Publication

EP 1931388 A2 20080618 (EN)

Application

EP 06813877 A 20060825

Priority

- US 2006033598 W 20060825
- US 72053605 P 20050926

Abstract (en)

[origin: WO2007037886A2] Methods for treating and preventing middle ear infections by transmembrane administration of medicament-containing transmembrane carrier compositions comprising a nonionic polymer surfactant, such as an alkyl aryl polyether alcohol (e.g., tyloxa-pol) to the tympanic membrane. The medicaments delivered according to the methods of the invention include antibiotic, antiviral, anti-fungal and anti-inflammatory agents that are useful in treatment and/or prophylaxis of middle ear infections and their sequelae.

IPC 8 full level

A61K 47/32 (2006.01); **A61K 9/00** (2006.01); **A61K 31/496** (2006.01); **A61K 31/573** (2006.01); **A61P 27/16** (2006.01); **A61P 31/04** (2006.01)

CPC (source: EP US)

A61K 9/0046 (2013.01 - EP US); **A61K 31/496** (2013.01 - EP US); **A61K 31/573** (2013.01 - EP US); **A61K 31/7048** (2013.01 - EP US);
A61P 27/16 (2017.12 - EP); **A61P 31/00** (2017.12 - EP); **A61P 31/04** (2017.12 - EP); **A61P 31/12** (2017.12 - EP); **A61P 43/00** (2017.12 - EP);
A61K 47/32 (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

WO 2007037886 A2 20070405; **WO 2007037886 A3 20071025**; **WO 2007037886 B1 20080110**; AU 2006295248 A1 20070405;
BR PI0616415 A2 20110621; CA 2622002 A1 20070405; CN 101272807 A 20080924; EA 200800950 A1 20080829; EP 1931388 A2 20080618;
EP 1931388 A4 20101215; IL 190079 A0 20080807; JP 2009509956 A 20090312; US 2008318918 A1 20081225; ZA 200803370 B 20090930

DOCDB simple family (application)

US 2006033598 W 20060825; AU 2006295248 A 20060825; BR PI0616415 A 20060825; CA 2622002 A 20060825;
CN 200680035386 A 20060825; EA 200800950 A 20060825; EP 06813877 A 20060825; IL 19007908 A 20080311; JP 2008532243 A 20060825;
US 6648806 A 20060825; ZA 200803370 A 20060825